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APPLICANT(S): Suthers, et al.

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INFORMATION DISCLOSURE STATEMENT  
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## U.S. PATENT DOCUMENTS

| EXAMINER'S<br>INITIAL | DOCUMENT NUMBER | DATE       | NAME                | CLASS | SUBCLASS | IF APPROPRIATE |
|-----------------------|-----------------|------------|---------------------|-------|----------|----------------|
| JCB                   | 4,962,027       | 10/09/1990 | Slininger et al.    | 435   | 147      |                |
|                       | 5,164,309       | 11/17/1992 | Gottschalk et al.   | 435   | 158      |                |
|                       | 5,254,467       | 10/19/1993 | Krestschmann et al. | 435   | 158      |                |
|                       | 5,413,960       | 05/09/1995 | Dobrogosz et al.    | 435   | 189      |                |
|                       | 5,599,689       | 02/04/1997 | Haynie et al.       | 435   | 42       |                |
|                       | 5,633,362       | 05/27/1997 | Nagarajan et al.    | 536   | 23.1     |                |
| JCB                   | 5,686,276       | 11/11/1997 | Laffend et al.      | 435   | 158      |                |
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## FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE       | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|-----------------|------------|---------|-------|----------|-------------|
|                 |            |         |       |          | YES NO      |
| WO 98/21340     | 05/22/1998 | PCT     |       |          |             |
| WO 99/28480     | 06/10/1999 | PCT     |       |          |             |
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| JCB | Tang et al., <i>Immunochemical Properties of NAD<sup>+</sup>-Linked Glycerol Dehydrogenases from Escherichia coli and Klebsiella pneumoniae</i> , 152, No. 3, J. Bacteriol. 1169-1174 (1982).                 |
|     | Barbato et al., <i>Anaerobic pathways of glycerol dissimilation by Enterobacter agglomerans CNCM 1210: limitations and regulations</i> , 143, Microbiology 2423-2432 (1997).                                  |
|     | Cameron et al., <i>Metabolic Engineering of Propanediol Pathways</i> , 14 Biotechnol. Prog. 116-125 (1998)  |
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|     | Tong and Cameron, <i>Enhancement of 1,3-Propanediol Production by Cofermentation in Escherichia coli Expressing Klebsiella pneumoniae dha Regulon Genes</i> , 34/35 Appl. Biochem. Biotechnol. 149-159 (1992) |
|     | Cameron and Tong, <i>Cellular and Metabolic Engineering</i> , 38, Appl. Biochem. Biotechnol. 105-140 (1993)   |
|     | Skraly et al. <i>Construction and Characterization of a 1,3-Propanediol Operon</i> , 64, No. 1, Appl. Environ. Microbiol. 98-105 (1998)   |
|     | Skraly and Cameron, <i>Purification and Characterization of a Bacillus licheniformis Phosphatase Specific for D-α-Glycerophosphate</i> , 349, No. 1, Archives of Biochem. Biophys. 27-35 (1998)               |
| JCB | Skraly, <i>Polyhydroxyalkanoates Produced by Recombinant E. coli</i> , Poster at Engineering Foundation Conference: Metabolic Engineering, entire document (1998)   |

EXAMINER

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\* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in